

Program Description I

Program Title Championship GOLF

Contributor's Name Rich Lipman

Address 113 PEAKVIEW DR

City HENRIETTA

State NEW YORK

Zip Code 14467

Program Description, Equations, Variables

GOLF WORKS VERY SIMPLY,
You choose a CLUB FROM THE TABLE OF THEIR
MINIMUM AND MAXIMUM VALUES. When you reach
the GREEN, which EXTENDS 20 YARDS ON EACH SIDE
FROM THE HOLE, DISTANCE IS CHANGED FROM YARDS
TO FEET. ALSO A NEGATIVE SIGN IS PLACED IN FRONT
OF THE DISTANCE. Now you PUTT by choosing the
NUMBER OF FEET you wish to hit it. IF THE GREEN
IS SLOW THE BALL WILL FALL SHORT. IF THE GREEN
IS FAST THE BALL WILL OVERSHOOT THE HOLE. SO
SOMETIMES IT IS GOOD TO HIT A LITTLE HARDER
OR A LITTLE SOFTER THAN THE DISTANCE SUGGESTS.
When THE BALL IS SUNK A FLASHING ZERO IS
DISPLAYED, THEN YOUR SCORE ON THE HOLE, THEN YOUR
TOTAL. AT THIS TIME PLAYER 2 GETS THE SAME
DISTANCE. AFTER HE SINKS IT, HIS SCORE ON THE
hole IS DISPLAYED, THEN HIS TOTAL SCORE. LASTLY
THE NUMBER OF HOLES PLAYED. Now it picks A NEW
DISTANCE. AT END OF 18 IT SHOWS THE SCORES IN AN INFINITE LOOP.

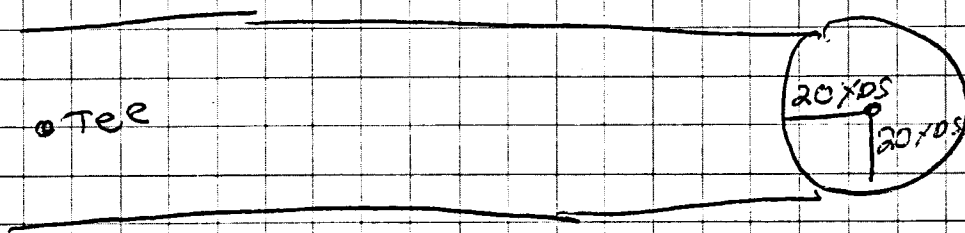
Operating Limits and Warnings

IF FOR EXAMPLE YOU ARE 100 YARDS
AWAY AND YOU HIT IT 300 YARDS THE MACHINE WILL
SAY YOU ARE 200 YARDS AWAY. SO REMEMBER, IT IS
JUST AS GOOD TO UNDERSHOOT AS OVERSHOOT.

This program has been verified only with respect to the numerical example given in *Program Description II*. User accepts and uses this program material AT HIS OWN RISK, in reliance solely upon his own inspection of the program material and without reliance upon any representation or description concerning the program material.

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Sketch(es)



Sample Problem(s) STORE Seed . 258963147 STO A
 INITIALIZE A 455.X 4. 455 means 455 to the
 hole 4 is the par X signifies 2 1 second pauses
 CLUB? 1 B 241. STILL A GOOD DISTANCE 3 B
 -32. ON THE GREEN 32 FEET AWAY. I WILL HIT IT 30
 FEET (hoping the green is FAST) 30 C 0* SUNK
 IT! 3* 3. 455. TOOK 3 SHOTS AND MY
 TOTAL IS 3 AFTER 1. PLAYER 2 NOW SHOTS SAME
 DISTANCE 1 D 250. 2 D 22. JUST OFF THE
 GREEN 10 D -20. 20 FEET FROM THE CUP. 21 E
 -3. MISSED IT! 3 E. 0* 5.X 5.X 1.X 190.X
 3. 0 means SUNK. TOOK 5 SHOTS. TOTAL IS 5. 1 hole
 has been played. Next hole is 190 YARDS PAR 3

Solution(s) 5 B 39. 9 B -11. I WILL PUTT IT 11 FEET
 11 C -2. (TRICKY GREENS) 2 C 0* 4.X 7.X
 190. SUNK IT IN 4. TOTAL IS 7. PLAYER 2 IS UP
 4 D -7. SUPER SHOT! CAN YOU SINK THE
 BIRDIE? 7 E 0* SUNK! 2.X 7.X 2X 178.X
 3. A BIRDIE! TIE SCORE AFTER 2 YOU MAY
 CONTINUE THIS GAME YOURSELF. 178 YARD HOLE
 PAR 3.

Reference(s) * = 5 second pause ** = 1 second pause
 X = 2 1 second pauses

User Instructions

00537D

1

CHAMPIONSHIP GOLF

START PLYR 1'S SHOT PLYR 1'S PUTT PLYR 2'S SHOT PLYR 2'S PUTT

2

STEP	INSTRUCTIONS	INPUT DATA/UNITS	KEYS	OUTPUT DATA/UNITS
1.	LOAD SIDE 1 AND 2		<input type="text"/> <input type="text"/>	
2	SELECT RANDOM SEED X 0<X<1	X	STO A	X
3	PRESS A TO START	B	<input type="text"/> A	
4	NOW IT WILL SHOW THE DISTANCE TO THE HOLE AND THEN THE PAR. IT WILL STOP SHOWING THE PAR		<input type="text"/> <input type="text"/>	(DIST)
			<input type="text"/> <input type="text"/>	(PAR)
5	SELECT YOUR CLUB AND		<input type="text"/> <input type="text"/>	
	PLAYER 1 USES B FOR SHOOTING		<input type="text"/> <input type="text"/>	
	PLAYER 2 USES D FOR SHOOTING		<input type="text"/> <input type="text"/>	
	PLAYER 1 USES C FOR PUTTING		<input type="text"/> <input type="text"/>	
	PLAYER 2 USES E FOR PUTTING		<input type="text"/> <input type="text"/>	
	AFTER PLAYER 1 FINISHES HOLE THEN IT WILL SHOW THE SAME DISTANCE FOR PLAYER		<input type="text"/> <input type="text"/>	
	2. AFTER HE PLAYS IT WILL START FROM STEP 4.		<input type="text"/> <input type="text"/>	
	CLUB TABLE: EXAMPLES		<input type="text"/> <input type="text"/>	
	0. 220-440 0 CLUB CAN HIT IT		<input type="text"/> <input type="text"/>	
	1. 200-400 ANYWHERE FROM		<input type="text"/> <input type="text"/>	
	2. 180-360 220 YARDS TO		<input type="text"/> <input type="text"/>	
	3. 160-320 440 YARDS.		<input type="text"/> <input type="text"/>	
	4. 140-280 THE 9 CLUB		<input type="text"/> <input type="text"/>	
	5. 120-240 CAN HIT IT IN		<input type="text"/> <input type="text"/>	
	6. 100-200 THE RANGE OF		<input type="text"/> <input type="text"/>	
	7. 80-160 40 TO 80 YARDS		<input type="text"/> <input type="text"/>	
	8. 60-120 YOU ENTER		<input type="text"/> <input type="text"/>	
	9. 40-80 THE CLUB NUMBER		<input type="text"/> <input type="text"/>	
	10. 20-40 NOT THE DISTANCE		<input type="text"/> <input type="text"/>	
	10.5 10-20 FOR SHOTS, NOT PUTTS.		<input type="text"/> <input type="text"/>	
	NOTE: Remember, DON'T PUTT WHEN YOUR SHOOTING AND VICE-VERSA.	# OF COMPLETED HOLES	RCL 9	
	ALSO DURING ANY PAUSE YOU MAY REVIEW:	PLYR 1'S SCORE	RCL 8	
		PLYR 2'S SCORE	RCL 0	
		TOTAL OF ALL PARS	RCL 4	
		DISTANCE	RCL 6	

Program Listing I

00537D

STEP	KEY ENTRY	KEY CODE	COMMENTS	STEP	KEY ENTRY	KEY CODE	COMMENTS
001	FLBLA	312511			FGSB 4	312204	
	0	00			1	01	
	STO 7	3307			STO + 7	336107	
	FGSB 1	312201		060	RCL 6	3406	
	4	04			HRTN	3522	
	2	02			FLBL 5	312505	
	1	01			1	01	
	X	71			STO + 7	336107	
	1	01			0	00	
010	5	05			F - X -	3184	
	0	00			RCL 7	3407	
	+	61			FGSB 8	312208	
	FINT	3183			RCL 7	3407	
	STO 1	3301		070	STO + 8	336108	
	STO 6	3306			RCL 8	3408	
	2	02			FGSB 8	312208	
	6	06			GTO Fc	223113	
	0	00			GLBL Fb	322512	
	GX > Y	3281			RCL 5	3405	
020	GTO 0	2200			1	01	
	RCL 6	3406			-	51	
	4	04			1	01	
	6	06			0	00	
	0	00		080	÷	81	
	GX > Y	3281			1	01	
	GTO 2	2202			-	51	
	5	05			HABS	3564	
	STO 2	3302			STO 5	3305	
	STO + 4	336104			FGSB 1	312201	
030	GTO 3	2203			2	02	
	FLBL 0	312500			0	00	
	3	03			1	01	
	STO 2	3302			X	71	
	STO + 4	336104		090	2	02	
	GTO 3	2203			0	00	
	FLBL 2	312502			0	00	
	4	04			+	61	
	STO 2	3302			HABS	3564	
	STO + 4	336104			FINT	3183	
040	FLBL 3	312503			RCL 5	3405	
	RCL 6	3406			X	71	
	DSP 0	2300			RCL 6	3406	
	FGSB 8	312208			-	51	
	RCL 2	3402		100	HABS	3564	
	HRTN	3522			STO 6	3306	
	FLBL B	312512			HRTN	3522	
	STO 5	3305			FLBL C	312513	
	FGSB Fb	322212			STO 5	3305	
	HABS	3564			FGSB 9	312209	
050	1	01			HABS	3564	
	GX > Y	3281			1	01	
	GTO 5	2205			.	83	
	RCL 6	3406			3	03	
	2	02		110	GX > Y	3281	
	0	00			GTO 5	2205	
	GX > Y	3281			1	01	

REGISTERS

0 2S SCORE	1 YDS ON HOLE	2 PAR OF HOLE	3	4 SUM OF PARS	5 TEMP. 50	6 # OF YDS REMAINING	7 # OF STROKES	8 PLYR'S TOTAL	9 # OF HOLES PLAYED
S0	S1	S2	S3	S4	S5	S6	S7	S8	S9
A RANDOM SEED		B		C		D		E	

STEP	KEY ENTRY	KEY CODE	COMMENTS	STEP	KEY ENTRY	KEY CODE	COMMENTS
	STO+7	336107			GTO Fa	223111	
	RCL 6	3406		170	GTO A	2211	
	HRTN	3522			FLBLE	312515	
	FLBL1	312501			STO 5	3305	
	H T	3573			FGSB 9	312209	
	RCL A	3411			HABS	3564	
	+	61			1	01	
120	5	05			.	83	
	H Y*	3563			3	03	
	GFRAC	3283			GX>Y	3281	
	STO A	3311			GTO Fe	223115	
	HRTN	3522		180	1	01	
	FLBL 8	312508			STO+7	336107	
	H PAUSE	3572			RCL 6	3406	
	H PAUSE	3572			H RTN	3522	
	HRTN	3522			GLBLFa	322511	
	GLBLFc	322513			RCL 8	3408	
130	0	00			FGSB 8	312208	
	STO 7	3307			RCL 0	3400	
	RCL 1	3401			FGSB 8	312208	
	ESTOG	3306			GTO Fa	223111	
	HRTN	3522		190	FLBL 9	312509	
	FLBLD	312514			RCL 6	3406	
	STO 5	3305			Fx>0	3181	
	GGSBFb	322212			R/S	84	
	1	01			RCL 5	3405	
	GX>Y	3281			1	01	
140	GTO Fe	223115			.	83	
	RCL 6	3406			2	02	
	HABS	3564			5	05	
	2	02			X	71	
	0	00		200	FGSB 1	312201	
	GX>Y	3281			RCL 5	3405	
	FGSB 4	312204			2	02	
	1	01			÷	81	
	STO+7	336107			X	71	
	RCL 6	3406			-	51	
150	HRTN	3522			STO+6	336106	
	GLBLFe	322515			RCL 6	3406	
	1	01			HABS	3564	
	STO+7	336107			chs	42	
	0	00		210	STO 6	3306	
	F-X-	3184			HRTN	3522	
	RCL 7	3407			FLBL 4	312504	
	FGSB 8	312208			RCL 6	3406	
	RCL 7	3407			3	03	
	STO+0	336100			X	71	
160	RCL 0	3400			chs	42	
	FGSB 8	312208			STO 6	3306	
	1	01			HRTN	3522	
	STO+9	336109		220			
	RCL 9	3409					
	FGSB 8	312208					
	1	01					
	8	08					
	GX=Y	3251					

LABELS					FLAGS	SET STATUS		
A START	B 1's shot	C 1's putt	D 2's shot	E 2's putt	0	FLAGS	TRIG	DISP
a USED	b USED	c USED	d'	e USED	1	ON OFF	DEG <input checked="" type="checkbox"/>	FIX <input checked="" type="checkbox"/>
0 USED	1 USED	2 USED	3 USED	4 USED	2	0 <input type="checkbox"/> <input checked="" type="checkbox"/>	GRAD <input type="checkbox"/>	SCI <input type="checkbox"/>
5 USED	6'	7.	8 USED	9 USED	3	1 <input type="checkbox"/> <input checked="" type="checkbox"/>	RAD <input type="checkbox"/>	ENG <input type="checkbox"/>
						2 <input type="checkbox"/> <input checked="" type="checkbox"/>		n 0
						3 <input type="checkbox"/> <input checked="" type="checkbox"/>		